



Product: [83045](#)

Lead Wire, #28 Str SPC, TFE Ins, AWM 1371 105C TYPE ET

Request Sample

Product Description

High Temp Plastic Lead Wire, 28AWG (7x36) Silver Plated Copper, TFE Insulation, AWM 1371 105C TYPE ET MIL-W-16878/6 250V 200C

Technical Specifications

Physical Characteristics (Overall)

Conductor			
AWG	Stranding	Material	No. of Conductors
28	7x36	SC - Silvered Copper	1
Conductor Count:			1

Insulation		
Material	Nominal Diameter	Nominal Wall Thickness
PTFE - Polytetrafluoroethylene	0.027 in	0.006 in

Electrical Characteristics

Current	
Max. Recommended Current [A]	
1.8 A	

Voltage	
Non-UL Voltage Rating	
250 V	

Temperature Range

Non-UL Temp Rating:	200°C
UL Temp Rating:	105°C

Mechanical Characteristics

Bulk Cable Weight:	1 lbs/1000ft
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Standards

UL AWM Style:	1371
Military Specification:	NEMA HP3, MIL-W-16878/6

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, Toxicity Testing

UL Flammability:	VW-1
UL voltage rating:	600 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Putup Type	Length	UPC
83045 010100	Black	Reel	100 ft	
83045 0061000	Blue, Light	Reel	1,000 ft	
83045 001100	Brown	Reel	100 ft	
83045 0011000	Brown	Reel	1,000 ft	
83045 0051000	Green, Dark			
83045 005100	Green, Dark	Reel	100 ft	
83045 002100	Red	Reel	100 ft	
83045 0021000	Red	Reel	1,000 ft	612825399650
83045 009100	White	Reel	100 ft	

Footnote:	E - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 25'.
Footnote:	S - STRIPING ADDERS FOR TYPES E AND EE: 1, 2, 3 STRIPES. MINIMUM ORDER 10,000' PER STRIPE COMBINATION. (SEE STRIPING ADDER TABLE)

Product Notes

Notes:	Teflon® is a DuPont trademark.
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History

Update and Revision:	Revision Number: 0.268 Revision Date: 04-28-2020
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